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TCS - 1904/65
IB - 54/65
19 February 1965
Copy # 9

25X1A

MEMORANDUM FOR: Chief, Manufacturing and Services Division, ORR
ATTENTION: [REDACTED] MS/CST
THROUGH: Chief, Requirements Branch, Reconnaissance Group, CGS
FROM: Chief, Photographic Intelligence Division, CIA
SUBJECT: Complete Dimensions on UFA Aircraft Engine Plants No. 26A and 26B
REFERENCES: (1) ORR Requirement No. C-RR5-82,195
(2) CIA/PID Project No. 30138-5

1. This memorandum is in response to the referenced requirement requesting dimensions of the plants, to be used in estimating the cost of construction of existing facilities.

2. All measurements have been made by the NPIC Technical Intelligence Division, with the exception of the height measurements on item numbers 11 and 16 for Plant 26A and 12, 13, 15, 22, 23 and 24 for Plant 26B. These measurements were made by the CIA/PID project analysts. They should be considered as approximate and must not be taken as official NPIC mensuration data. The NPIC/TID measurements for Plant 26A are considered to be accurate within [REDACTED] for vertical measurements whichever is greater. The NPIC/TID measurements for Plant 26B are considered to be accurate within [REDACTED] for horizontal and [REDACTED] for vertical measurements, whichever is greater.

3. The photo analysts assigned to this project were Messrs. [REDACTED] who may be contacted on extension 2547 should any further information concerning this memorandum be desired. This requires

25X1D

Declass Review by NIMA/DOD

GROUP 1
Excluded from automatic
downgrading and
declassification

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Page 2

ment is considered complete.

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Enclosures:

2 Photo Enlargements

CIA/PID/IB-P-104/65 - Plant 26A
CIA/PID/IB-P-126/65 - Plant 26B

2 Line Drawings

CIA/PID/IB-P-105/65 - Plant 26A
CIA/PID/IB-P-127/65 - Plant 26B

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AIRCRAFT ENGINE PLANT NO. 26A
UFA, USSR
54 47 13N - 56 07 44E

Item	Description	Dimensions	Floorspace Sq.Ft.	Cu.Ft.
1.	Sub/Final Assembly	535 X 365 X 45	195,275	6,901,500
2.	Sub/Final Assembly	470 X 240 X 35	112,800	2,806,800
3.	Machine Shop/Sub Assembly with 4 Test Cells	Irregular	139,200	6,230,625
4.	Warehouse			25X1D
5.	Warehouse			
6.	Warehouse			
7.	Machine Shop/Sub Assembly	940 X 335 X 55	314,900	18,033,875
8.	Sub/Final Assembly	490 X 310 X 40	151,900	4,095,100
9.	Machine Shop	490 X 360 X 55	176,400	7,575,400
10.	Administration Bldg.	Irregular - Multistory	47,100	549,500
11.	Poss. Forge/Foundry	255 X 200	51,000	1,275,000
12.	Machine Shop	340 X 95 X 25	36,200	905,000
13.	Forge/Foundry	Irregular	33,000	858,000
14.	Workshop	245 X 200 X 25	49,000	1,225,000
15.	Workshop	190 X 160 X 25	30,400	1,022,500
16.	Warehouse	425 X 60	25,500	561,000
17.	Workshop			25X1D
18.	Workshop	Irregular	35,350	883,750
19.	Administration Bldg.	165 X 65 X 30	43,875	438,750
20.	Administration Bldg.	220 X 45 X 30	38,775	387,750
21.	Workshop	270 X 95 X 35	25,650	769,500
22.	Two POL Tanks	Each 50 Ft. Dia. 40 Ft. High		3,888,720

Other Buildings not numbered

TOTAL Sq. Ft. and Cu. Ft. - - - -

Pre 1942 TOTALS = - - - -

Additions - September 1942 to September 1962: - - - 629,250

Additions - September 1962 to February 1964: - - - 91,650

TOTAL Additions - - - - 720,900

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Page 2

UFA A/C ENGINE PLANT # 26A
UFA, USSR

25X1D

25X1D

Buildings No. 1, 5, 10, 15, 16, 17, 19 and 20 were constructed between
[redacted] Building No. 21 and additions to buildings No. 14
and 15 were constructed after [redacted] and were complete by [redacted]
[redacted] All other numbered buildings were present on [redacted] Photography.

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Many of the smaller buildings were probably present on the [redacted]
[redacted] photography, but the relatively poor quality of the [redacted] photography
precluded the detection of them.

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AIRCRAFT ENGINE PLANT NO. 26B

UFA, USSR

54 47 46N - 56 04 08E

		25X1D	25X1D	
Item	Description	Dimensions	Floorspace Sq.Ft.	Cu.Ft.
1.	Storage Building	Irregular 1300 X 585 X 30, & 45	33,825	8,996,250 26,130,000
2.	Storage Building		37,625	
3.	Machine Shops		234,600	
4.	Assembly Building		324,800	
5.	Assembly Building	580 X 360 X 45	760,500	9,396,000
6.	Assembly Building	35 & 40 Irregular	208,800	6,608,025
7.	Storage Building		32,025	
8.	Storage Building		19,250	
9.	Assembly Building		148,800	
10.	Test Cell Buildings 7 L-Type Cell Approx 165 X 55	105 X 65 X 25	123,900	170,625
11.	Workshop	65 X 60 X 20	6,825	78,000
12.	Storage Building	40 X 40 X 20	3,900	32,000
13.	Storage Building	215 X 45 X 15	1,600	145,125
14.	Storage Building	40 X 40 X 20	1,600	32,000
15.	Storage Building	175 X 85 X 35	14,875	520,625
16.	Workshop	270 X 50 X 30 130 X 40 X 20 260 X 65 X 30 200 X 50 X 30 80 X 40 X 30 150 X 60 X 15 & 30	2,700	405,000 104,000 507,000 300,000 96,000 202,500
17.	Storage Building		8,800	
18.	Storage Building		6,500	
19.	Storage Building		9,600	
20.	Workshop		10,725	
21.	Storage Building		3,800	
22.	Storage Building		5,000	
23.	Storage Building		5,000	
24.	Storage Building		13,500	
25.	Workshop		5,200	
26.	Storage Building	16,900	507,000	
27.	Administration Bldg.	12,675	300,000	
28.	Storage Building	30,000	96,000	
29.	Administration Bldg.	2,275	3,500	
30.	Storage Bldg.	9,600	9,000	
31.	Administration Bldg.	9,000	11,300	
32.	Storage Bldg.	9,000	9,000	
33.	Storage Bldg.	9,000	9,000	
34.	Administration Bldg.	9,000	9,000	
35.	Administration Bldg.	9,000	9,000	
36.	Six POL Tanks	9,000	9,000	
TOTAL - - - -			2,137,675	66,735,400

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AIRCRAFT ENGINE PLANT NO. 26B
UFA, USSR
54 47.46N - 56 04 08E

Page 2

25X1D

25X1D

Building No. 9 was under construction in 1942 and was finished when next observed in [REDACTED]. Buildings Nos. 10 and 6 were under construction when observed in [REDACTED] and were completed when observed in [REDACTED] and 25X1D [REDACTED] respectively. Building No. 4 was not present in 1942 but was completed when observed in [REDACTED] photography. Building No. 34 under 25X1D construction in [REDACTED] was completed when observed in [REDACTED]. 25X1D Two of the POL Tanks item 36 were present in 1942 but the other four were not 25X1D complete until just prior to [REDACTED]. All the other buildings were 25X1D completed when observed on 1942 photography.

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